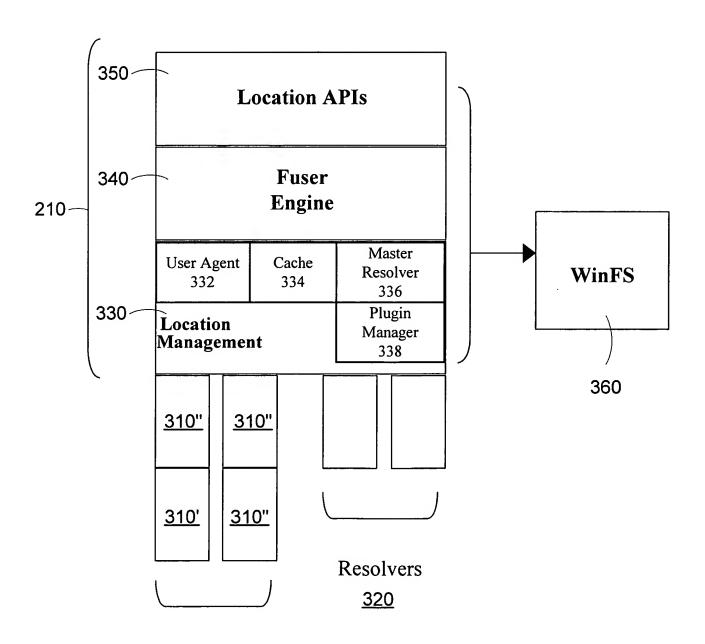


FIG. 2 220(2) 280 212 220(1) 220(3) 270 **User Mode IS** ้าร ıś app app app Presenc Buddy 214 MapPoint 240 SOAP Location Service Activ LDAP Directory 260 <u>210</u> 250 222(2) Kernel Mode ~215 WinF Driver Driver 222(1) S 2 224 Hardware ~216 Sensor Sensor 2 226(1) 226(2) 230

FIG. 3



Providers 310

